

Substitute Form PTO-1449  
(Modified)U.S. Department of Commerce  
Patent and Trademark Office

Attorney's Docket No.

17111-009001 (2309)

Application No.

10/760,085

**Information Disclosure Statement  
by Applicant**

(Use several sheets if necessary)

(37 CFR §1.98(b))

Applicant

Hubert Köster, Ph.D. et al.

Filing Date

January 16, 2004

Group Art Unit

1641

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
/J.E./	AA	5,770,625	06/23/98	Nakanishi et al.	514	616	07/14/94
	AB	5,812,272	06/22/98	King et al.	356	445	01/30/97
	AC	5,922,617	07/13/99	Wang et al.	436	518	11/12/97
	AD	6,329,209	12/11/01	Wagner et al.	436	518	07/14/99
	AE	6,391,649	05/21/02	Chait et al.	436	173	05/04/99
	AF	6,629,040	09/30/03	Goodlett et al.	702	23	03/20/00
	AG	6,670,194	12/30/03	Aebersold et al.	436	173	08/25/99
	AH	2002/0076739	06/20/02	Aebersold et al.	435	7.92	04/20/01
	AI	2002/0192720	12/19/02	Parker et al.	435	7.9	05/08/01
	AJ	2002/0168644	11/14/02	Aebersold et al.	435	6	05/14/01
	AK	2004/0038319	02/26/04	Aebersold et al.	435	7.5	08/20/02
	AL	2004/0023306	02/05/04	Aebersold et al.	435	7.1	06/03/03
	AM	2004/0033625	02/19/04	Aebersold et al.	436	518	06/04/03

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AN	01/18234	03/15/01	PCT				
	AO	01/18627	03/15/01	PCT				
	AP	02/063271	08/15/02	PCT				
	AQ	02/071066	09/12/02	PCT				
	AR	03/064704	08/07/03	PCT				
	AS	2004/008151	01/22/04	PCT				
	AT	97/37953	10/16/97	PCT				
	AU	97/40385	10/30/97	PCT				
	AV	98/06874	02/19/98	PCT				
	AW	99/02733	01/21/99	PCT				

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
↓	AX	Aebersold, R. and B.F. Cravatt, "Proteomics – advances, applications and the challenges that remain," Trends in Biotechnology 20(12): S1-S2 (2002)

Examiner Signature

/Jon Epperson/

Date Considered

11/11/2007

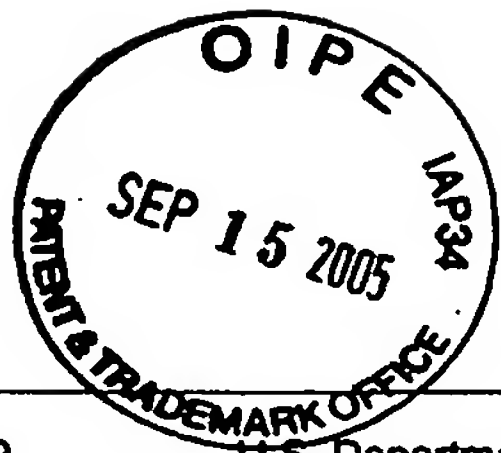
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Disclosure Form (PTO-1449)

Substitute Form PTO-1449 (Modified)  <b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17111-009001 (2309)	Application No. 10/760,085
	Applicant Hubert Köster, Ph.D. et al.		
	Filing Date January 16, 2004	Group Art Unit 1641	

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
/J.E./	AY	Aebersold, R. and M. Mann, "Mass spectrometry-based proteomics," Nature 422: 198-206 (2003)
	AZ	Brunner et al., "3-trifluoromethyl-3-phenyldiazirine: a new carbene generating group for photolabelling reagents," The Journal of Biological Chemistry 255(8): 3313-3318 (1980)
	BA	Budavari et al., The Merck Index, 11 <sup>th</sup> Edition, Merck & Co., Inc. page 192 and 706 (1989)
	BB	Dormán et al., "Chemical library approaches to target validation in the post-genomic era," Current Drug Discovery, October, pp. 21-24 (2001)
	BC	Dormán et al., "Using photolabile ligands in drug discovery and development," Trends in Biotechnology 18:64-77 (2000)
	BD	Fang et al., "A bifunctional photoaffinity probe for ligand/receptor interaction studies," J. Am. Chem. Soc. 120: 8543-8544 (1998)
	BE	Flory et al., "Advances in quantitative proteomics using stable isotope tags," Trends in Biotechnology 20(12): S23-S29 (2002)
	BF	Geysen et al., "Isotope or Mass Encoding of Combinatorial Libraries," Chemistry and Biology, 3: 679-688 (1996)
	BG	Griffin et al., "Advances in proteome analysis by mass spectrometry," The Journal of Biological Chemistry 276(49): 45497-45500 (2001)
	BH	Griffin et al., "Toward a high-throughput approach to quantitative proteomic analysis: expression-dependent protein identification by mass spectrometry," J. Am. Soc. Mass. Spectrom. 12: 1238-1246 (2001)
	BI	Gygi et al., "Proteome analysis of low-abundance proteins using multidimensional chromatography and isotope-coded affinity tags," Journal of the Proteome Research 1: 47-54 (2002)
	BJ	Gygi et al., "Quantitative Analysis of Complex Protein Mixtures Using Isotope-Coded Affinity Tags," Nature Biotechnology 17:994-999 (1999)
	BK	Hagenstein et al., "Affinity-based tagging of protein families with reversible inhibitors: a concept for functional proteomics," Angew. Chem. Int. Ed. 42: 5635-5638 (2003)
	BL	Hatanaka et al., "A rapid and efficient method for identifying photoaffinity biotinylated sites within proteins," J. Am. Chem. Soc. 120: 453-454 (1998)
	BM	Hatanaka, Y. and Y. Sadakane, "Photoaffinity labeling in drug discovery and developments: chemical gateway for entering proteomic frontier," Current Topics in Medicinal Chemistry 2: 271-288 (2002)
	BN	Jeffery, D.A. and M. Bogyo, "Chemical proteomics and its application to drug discovery," Current Opinion in Biotechnology 14: 87-95 (2003)
	BO	Lin et al., "Design and synthesis of a novel photoaffinity taxoid as a potential probe for the study of paclitaxel-microtubules interactions," Tetrahedron Letters 41:4287-4290 (2000)
	BP	Nesnas et al., "Synthesis of biotinylated retinoids for cross-linking and isolation of retinol binding proteins," Tetrahedron 58:6577-6584 (2002)
	BQ	Rühl et al., "A trifunctional reagent for photoaffinity labeling," Tetrahedron Letters 41: 4555-4558 (2000)
	BR	Rühmann et al., "Synthesis and characterization of a photoactivatable analog of corticotrophin-releasing factor for specific receptor labeling," Proc. Natl. Acad. Sci. USA 93:10609-10613 (1996)
	BS	Souto et al., "Synthesis of a photoaffinity-labeled (11Z)-retinal: identification of retinol/rhodopsin cross-linked sites along the visual-transduction path," Helvetica Chimica Acta 83:2617-2628 (2000)
	BT	Zhou et al., "Quantitative proteome analysis by solid-phase isotope tagging and mass spectrometry," Nature Biotechnology 19: 512-515 (2002)

Examiner Signature /Jon Epperson/	Date Considered 11/11/2007
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Sheet 1 of 12Substitute Form PTO-1449  
(Modified)U.S. Department of Commerce  
Patent and Trademark OfficeAttorney's Docket No.  
17111-009001/2309Application No.  
10/760,085**List of Patents and Publications for Applicant's  
Information Disclosure Statement**  
(37 CFR §1.98(b))Applicant  
Hubert Köster, Ph.D. et al.Filing Date  
January 16, 2004Group Art Unit  
1639**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
/J.E./	AA.	RE 34,609	05/17/94	Mueller	318	254	06/22/87
	AB.	2001/0008615	07/19/01	Little <i>et al.</i>	422	102	08/09/99
	AC.	2002/0040275	04/04/02	Cravatt <i>et al.</i>	702	19	04/16/01
	AD.	2002/0042112	04/11/02	Koster	435	174	10/26/98
	AE.	2002/0045194	04/18/02	Cravatt <i>et al.</i>	435	7.9	12/15/00
	AF.	2002/0045269	04/18/02	Shcepinov	436	173	08/13/01
	AG.	2002/0064799	05/30/02	Cravatt <i>et al.</i>	435	7.1	04/16/01
	AH.	2002/0182652	12/05/02	Cravatt <i>et al.</i>	435	7.9	05/29/02
	AI.	2003/0119021	06/26/03	Koster <i>et al.</i>	435	6	07/16/02
	AJ.	2004/0209255	10/21/04	Koster <i>et al.</i>	435	6	03/11/03
	AK.	2005/0042771	02/24/05	Koster <i>et al.</i>	436	518	01/16/04
	AL.	4,415,732	11/15/83	Caruthers <i>et al.</i>	536	27	03/27/81
	AM.	4,725,677	02/16/88	Koster <i>et al.</i>	536	27	08/10/84
	AN.	5,143,854	09/01/92	Pirrung <i>et al.</i>	436	518	03/07/90
	AO.	5,198,540	03/30/93	Koster	536	25.3	10/27/83
	AP.	5,432,018	07/11/95	Dower <i>et al.</i>	435	5	06/20/91
	AQ.	5,512,473	04/30/96	Brent <i>et al.</i>	435	240.2	01/29/93
	AR.	5,547,835	08/20/96	Koster	435	6	01/06/94
	AS.	5,547,839	08/20/96	Dower <i>et al.</i>	435	6	12/06/90
	AT.	5,580,721	12/03/96	Brent <i>et al.</i>	435	6	09/20/91
	AU.	5,580,736	12/03/96	Brent <i>et al.</i>	435	6	01/09/95
	AV.	5,605,798	02/25/97	Koster	435	6	03/17/95
	AW.	5,622,824	04/22/97	Koster	435	6	02/10/95
	AX.	5,641,959	06/24/97	Holle <i>et al.</i>	250	287	03/21/96
	AY.	5,654,545	08/05/97	Holle <i>et al.</i>	250	287	04/04/95
↓	AZ.	5,691,141	11/25/97	Koster	435	6	06/06/95

Examiner Signature

/Jon Epperson/

Date Considered

11/11/2007

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449 (Modified)  <b>List of Patents and Publications for Applicant's Information Disclosure Statement</b> (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17111-009001/2309	Application No. 10/760,085
		Applicant Hubert Köster, Ph.D. et al.	
		Filing Date January 16, 2004	Group Art Unit 1639

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
/J.E./	BA.	5,695,941	12/09/97	Brent <i>et al.</i>	435	6	01/14/97
	BB.	5,741,462	04/21/98	Nova <i>et al.</i>	422	68.1	04/25/95
	BC.	5,742,049	04/21/98	Holle <i>et al.</i>	250	282	03/20/96
	BD.	5,751,629	05/12/98	Nova <i>et al.</i>	365	151	06/07/95
	BE.	5,760,393	06/02/98	Vestal <i>et al.</i>	250	282	10/17/96
	BF.	5,777,325	07/07/98	Weinberger <i>et al.</i>	250	287	05/06/96
	BG.	5,807,525	09/15/98	Allen <i>et al.</i>	422	131	02/29/96
	BH.	5,851,765	12/22/98	Koster	435	6	05/30/95
	BI.	5,872,003	02/16/99	Koster	435	283.1	05/30/95
	BJ.	5,874,214	02/23/99	Nova <i>et al.</i>	435	6	10/03/95
	BK.	5,900,481	05/04/99	Lough <i>et al.</i>	536	55.3	11/06/96
	BL.	5,925,562	07/20/99	Nova <i>et al.</i>	435	287.1	06/07/95
	BM.	5,928,906	07/27/99	Koster <i>et al.</i>	435	91.2	05/09/96
	BN.	5,955,280	09/21/99	Vidal <i>et al.</i>	435	6	09/04/97
	BO.	5,961,923	10/05/99	Nova <i>et al.</i>	422	68.1	09/30/96
	BP.	5,972,639	10/26/99	Parandoosh	435	29	07/24/97
	BQ.	6,017,496	01/25/00	Nova <i>et al.</i>	422	68.1	09/06/96
	BR.	6,022,688	02/08/00	Jurinke <i>et al.</i>	435	6	05/13/96
	BS.	6,024,925	02/15/00	Little <i>et al.</i>	422	100	01/23/97
	BT.	6,025,129	02/15/00	Nova <i>et al.</i>	435	6	12/05/95
	BU.	6,043,031	03/28/00	Koster <i>et al.</i>	435	6	03/18/96
	BV.	6,074,823	06/13/00	Koster	435	6	11/06/96
	BW.	6,133,436	10/17/00	Koster <i>et al.</i>	536	24.3	09/19/97
	BX.	6,140,053	10/31/00	Koster	435	6	11/25/98
	BY.	6,146,854	11/14/00	Koster <i>et al.</i>	435	91.1	08/31/95
	BZ.	6,194,144	02/27/01	Koster	435	6	03/18/96

Examiner Signature /Jon Epperson/	Date Considered 11/11/2007
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	




Substitute Form PTO-1449 (Modified)  <b>List of Patents and Publications for Applicant's Information Disclosure Statement</b> (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17111-009001/2309	Application No. 10/760,085
		Applicant Hubert Köster, Ph.D. et al.	
		Filing Date January 16, 2004	Group Art Unit 1639

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
/J.E./	CA.	6,197,498	03/06/01	Koster	435	5	04/06/99
↓	CB.	6,207,370	03/27/01	Little <i>et al.</i>	435	6	09/02/97
↓	CC.	6,221,601	04/24/01	Koster	435	6	11/2/99
↓	CD.	6,221,605	04/24/01	Koster	435	6	02/15/00
↓	CE.	6,225,061	05/01/01	Becker <i>et al.</i>	435	6	03/10/99
↓	CF.	6,225,450	05/01/01	Koster	536	22.1	06/07/95
↓	CG.	6,235,478	05/22/01	Koster	435	6	04/06/99
↓	CH.	6,238,871	05/29/01	Koster	435	6	05/08/00
↓	CI.	6,258,538	07/10/01	Koster <i>et al.</i>	435	6	04/06/99
↓	CJ.	6,268,131	07/31/01	Kang <i>et al.</i>	435	6	12/15/97
↓	CK.	6,268,144	07/31/01	Koster	435	6	09/15/99
↓	CL.	6,274,337	08/14/01	Parce <i>et al.</i>	435	29	03/19/98
↓	CM.	6,277,573	08/21/01	Koster	435	6	04/06/99
↓	CN.	6,300,076	10/09/01	Koster	435	6	01/31/00
↓	CO.	6,303,309	10/16/01	Jurinke <i>et al.</i>	435	6	06/21/99
↓	CP.	6,322,970	11/27/01	Little <i>et al.</i>	435	6	09/02/98
↓	CQ.	6,387,628	05/14/02	Little <i>et al.</i>	435	6	09/18/00
↓	CR.	6,428,955	08/06/02	Koster <i>et al.</i>	435	6	11/06/96
↓	CS.	6,436,635	08/20/02	Fu <i>et al.</i>	435	6	03/12/96
↓	CT.	6,455,071	09/24/02	Shchepinov <i>et al.</i>	424	486	08/27/98
↓	CU.	6,485,913	11/26/02	Becker <i>et al.</i>	435	6	10/02/00
↓	CV.	6,50,621	12/31/02	Koster	435	6	02/28/01
↓	CW.	6,654,545	08/05/97	Holle <i>et al.</i>	250	287	04/04/96
↓	CX.	6,872,574	03/29/05	Cravatt <i>et al.</i>	436	119	04/16/01

Examiner Signature /Jon Epperson/	Date Considered 11/11/2007
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)  <b>List of Patents and Publications for Applicant's Information Disclosure Statement</b> (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17111-009001/2309	Application No. 10/760,085
		Applicant Hubert Köster, Ph.D. et al.	
		Filing Date January 16, 2004	Group Art Unit 1639

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
/J.E./	CY.	0 124 561	11/14/84	EP B1				X*
/J.E./	CZ.	0 124 562	11/14/84	EP B1				X+
No Country	DA.	0 127 857	04/19/01	PCT AT				
/J.E./	DB.	0 149 634	07/31/85	EP B1				X*
	DC.	01/77684	10/18/01	PCT A2				
	DD.	01/96607	06/13/01	PCT A2				
/J.E./	DE.	0 285 675	10/12/88	EP A1				X*
	DF.	0 305 929	03/08/89	EP B1				
	DG.	0 353 460	02/07/90	EP A2				
	DH.	0 689 610	01/03/96	EP B1				
	DI.	0 901 531	03/17/99	EP B1				
	DJ.	0 914 471	05/12/99	EP B1				
	DK.	0 937 097	08/25/99	EP B1				
	DL.	00/56446	09/28/00	PCT				
	DM.	00/60361	10/12/00	PCT				
	DN.	01/77668	10/18/01	PCT				
	DO.	02/048403	06/20/02	PCT				
	DP.	03/077851	09/25/03	PCT				
	DQ.	03/092581	11/13/03	PCT				
/J.E./	DR.	1 164 203	12/19/01	EP A2				
/J.E./	DS.	1 262 564	12/04/02	EP A2				
	DT.	2004/064972	08/05/04	PCT				
/J.E./	DU.	6455181	03/02/89	JP A				X*
	DV.	85/00621	02/14/85	PCT				X*
	DW.	85/00816	02/28/85	PCT				X+

Examiner Signature /Jon Epperson/	Date Considered 11/11/2007
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)  <b>List of Patents and Publications for Applicant's Information Disclosure Statement</b> (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17111-009001/2309	Application No. 10/760,085
		Applicant Hubert Köster, Ph.D. et al.	
		Filing Date January 16, 2004	Group Art Unit 1639

### Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	DX.	94/16101	07/21/94	PCT				
	DY.	94/21822	09/29/94	PCT				
	DZ.	96/29431	09/26/96	PCT				
	EA.	96/32504	10/17/96	PCT				
No Country	EB.	97/07126	02/27/97	PCT				
	EC.	97/08306	03/06/97	PCT				
	ED.	97/37041	10/09/97	PCT				
	EE.	97/41139	11/06/97	PCT				
	EF.	97/42348	05/09/97	PCT				
	EG.	97/43617	11/20/97	PCT				
	EH.	98/20019	05/14/98	PCT				
	EI.	98/20020	05/14/98	PCT				
	EJ.	98/20166	05/14/98	PCT				
	EK.	98/33808	08/06/98	PCT				
	EL.	99/12048	03/11/99	PCT				
	EM.	99/31278	06/24/99	PCT				
	EN.	99/32618	12/18/98	PCT				
	EO.	99/51773	10/14/99	PCT				
	EP.	99/55718	11/04/99	PCT				
	EQ.	99/57318	11/11/99	PCT				

### Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
/J.E./	ER.	"IUPAC-IUB Commission on Biochemical Nomenclature A One-Letter Notation for Amino Acid Sequences Tentative Rules," <i>J. Biol. Chem.</i> , 243(13):3557-3559 (1968)

Examiner Signature <div style="text-align: center;">/Jon Epperson/</div>	Date Considered <div style="text-align: center;">11/11/2007</div>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)  <b>List of Patents and Publications for Applicant's Information Disclosure Statement</b> (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17111-009001/2309	Application No. 10/760,085
		Applicant Hubert Köster, Ph.D. et al.	
		Filing Date January 16, 2004	Group Art Unit 1639

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
/J.E./	ES.	"IUPAC-IUB Commission on Biochemical Nomenclature Abbreviated Nomenclature of Synthetic Polypeptides (Polymerized Amino Acids) Revised Recommendations (1971)," <i>Biochem.</i> , 11(5):942-944 (1972)
	ET.	"PAMAM Dendrimers", Available at <a href="http://www.dendritech.com/pamam.htm">http://www.dendritech.com/pamam.htm</a> . (Accessed on 4/25/03)
	EU.	Aaserud <i>et al.</i> , "Distinguishing N- and C-terminus ions for mass spectrometry sequencing of proteins without prior degradation", <i>Rapid Communications in Mass Spectrometry</i> , 9(10):871-876 (1995)
	EV.	Altschul <i>et al.</i> , "Basic Local Alignment Search Tool", <i>J. Mol. Biol.</i> , 215:403-410 (1990)
	EW.	Beck <i>et al.</i> , "Chemiluminescent detection of DNA: application for DNA sequencing and hybridization", <i>Nucl. Acids Res.</i> , 17(13):5115-5123 (1989)
	EX.	Beck, S. and H. Koster, "Perspective: Analytical Biotechnology. Applications of Dioxetane Chemiluminescent Probes to Molecular Biology", <i>Anal. Chem.</i> , 62:2258-2270 (1990), Erratum: <i>Anal. Chem.</i> , 63(8):848 (1991)
	EY.	Berglund <i>et al.</i> , "Investigation of structural analogs of prostaglandin amides for binding to and activation of CB1 and CB2 cannabinoid receptors in rat brain and human tonsils", <i>Adv Exp Med Biol.</i> , 469:527-533 (1999)
	EZ.	Berglund <i>et al.</i> , "Structural requirements for arachidonylethanolamide interaction with CB1 and CB2 cannabinoid receptors: pharmacology of the carbonyl and ethanolamide group", <i>Prostaglandins Leukot Essent Fatty Acids</i> , 59(2):111-118 (1998)
	FA.	Biernat, <i>et al.</i> "New bacteriophage vectors for the large scale production of single stranded insert DNA", <i>Journal of Biochemical and Biophysical Methods</i> , 19(2-3):155-167 (1989)
	FB.	Boring <i>et al.</i> , "Cerebrodiene, arachidonyl-ethanolamide, and hybrid structures: potential for interaction with brain cannabinoid receptors", <i>Prostaglandins Leukot Essent Fatty Acids</i> , 55(3):207-210 (1996)
	FC.	Boring <i>et al.</i> , "Trifunctional agents as a design strategy for tailoring ligand properties: irreversible inhibitors of A1 adenosine receptors", <i>Bioconj Chem.</i> , 2(2):77-88 (Mar-Apr 1991)
	FD.	Braun <i>et al.</i> , "Detecting CFTR gene mutations by using primer oligo base extension and mass spectrometry", <i>Clinical Chemistry</i> , 43(7): 1151-1158 (1997)
↓	FE.	Braun <i>et al.</i> , "Improved Analysis of Microsatellites Using Mass Spectrometry", <i>Genomics</i> , 46:18-23 (1997)

Examiner Signature  /Jon Epperson/	Date Considered  11/11/2007
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



Substitute Form PTO-1449 (Modified)  <b>List of Patents and Publications for Applicant's Information Disclosure Statement</b> (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17111-009001/2309	Application No. 10/760,085
		Applicant Hubert Köster, Ph.D. et al.	
		Filing Date January 16, 2004	Group Art Unit 1639

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
/J.E./	FF.	Buetow <i>et al.</i> , "High-throughput development and characterization of a genomewide collection of gene-based single nucleotide polymorphism markers by chip-based matrix-assisted laser desorption/ionization time-of-flight mass spectrometry", <i>Proc. Natl. Acad. Sci. USA</i> , 98(2):581-584 (2001)
	FG.	Cantor <i>et al.</i> , "Massive attack on high-throughput biology", <i>Nat. Gen.</i> , 20:5-6 (1998)
	FH.	Carrillo <i>et al.</i> , "The Multiple Sequence Alignment Problem in Biology", <i>SIAM J. Appl. Math.</i> , 48(5):1073-1082 (1988)
	FI.	Chiu <i>et al.</i> , "Mass spectrometry of single-stranded restriction fragments captured by an undigested complementary sequence" <i>Nucl. Acids Res.</i> , 28(8): e31(4 pages) (2000)
	FJ.	Chorush <i>et al.</i> , "Surface-induced dissociation of multiply-protonated proteins", <i>Analytical Chemistry</i> , 67(6):1042-1046 (1995)
	FK.	Coull <i>et al.</i> , "Functionalized Membrane Supports for Covalent Protein Microsequence Analysis", <i>Anal. Biochem.</i> , 194:110-120 (1991)
	FL.	Crozet <i>et al.</i> , "Synthesis and characterization of cyclic pseudopeptide libraries containing thiomethylene and thiomethylene-sulfoxide amide bond surrogates", <i>Mol Divers.</i> , 3(4):261-276 (1998)
	FM.	Derwent# 003969477, WPI Acc. No.: 1984-115021/198419 for European Patent Application EP 0124561, "Solid phase oligonucleoside phosphonate prodn. - using nucleoside monohalo phosphinite as reactant."
	FN.	Derwent# 004205815, WPI Acc. No.: 1985-032695/198506 for European Patent Application EP 0149634 and PCT Patent Application WO 8500621, "New oligonucleotide linker sequences - for cohesive end ligation of DNA fragments."
	FO.	Derwent# 007653017, WPI Acc. No: 1988-286949/198841 for European Patent Application EP 0285675 and Japanese Patent Application JP 1055181 (cited as JP 64-55181), "New synthetic DNA cassettes - used to code nutritionally useful artificial proteins."
	FP.	Devereux <i>et al.</i> , "A comprehensive set of sequence analysis programs for the VAX", <i>Nucl. Acids Res.</i> , 12(1):387-95 (1984)
	FQ.	Fu <i>et al.</i> , "A DNA sequencing strategy that requires only five bases fo known terminal sequence for priming", <i>Proc. Natl. Acad. Sci. USA</i> , 92(22): 10162-10166 (1995)
	FR.	Fu <i>et al.</i> , "Efficient preparation of short DNA sequence ladders potentially suitable for MALDI-TOF DNA sequencing", <i>Genetic Analysis</i> , 12(3-4):137-142 (1996)
↓	FS.	Fu <i>et al.</i> , "Sequencing double-stranded DNA by strand displacement", <i>Nuc. Acids Res.</i> , 25(3): 677-679 (1997)

Examiner Signature /Jon Epperson/	Date Considered 11/11/2007
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)  <b>List of Patents and Publications for Applicant's Information Disclosure Statement</b> (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17111-009001/2309	Application No. 10/760,085
		Applicant Hubert Köster, Ph.D. et al.	
		Filing Date January 16, 2004	Group Art Unit 1639

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
/J.E./	FT.	Fu <i>et al.</i> , "Sequencing exons 5 to 8 of the <i>p53</i> gene by MALDI-TOF mass spectrometry", <i>Nature Biotechnology</i> , 16(4): 381-384 (1998)
	FU.	Gribskov <i>et al.</i> , "Sigma factors from <i>E. coli</i> , <i>B. subtilis</i> , phage SP01, and phage T4 are homologous proteins", <i>Nucl. Acids Res.</i> , 14(16):6745-63 (1986)
	FV.	Heaton <i>et al.</i> , "Estimation of DNA sequence diversity in bovine cytokine genes", <i>Mammalian Genome</i> , 12(1):32-37 (2001)
	FW.	Herman, B., "Chapter 8. Resonance Energy Transfer Microscopy", <i>Meth. Cell Biol.</i> , 30:219-243 (1989)
	FX.	Hermes <i>et al.</i> , "A reliable method for random mutagenesis: the generation of mutant libraries using spiked oligodeoxynucleotide primers", <i>Gene</i> , 84(1):143-151 (1990)
	FY.	Hessler <i>et al.</i> , "Molecular Engineering in Nanotechnology IV: Atomic Force Microscopy Characterization of Dendrimer Drug Delivery Agents", Ninth Foresight Conference on Molecular Nanotechnology (Abstract) ( <a href="http://www.foresight.org/Conferences/MNT9/Abstracts/Hessler/index.html">http://www.foresight.org/Conferences/MNT9/Abstracts/Hessler/index.html</a> (accessed on 12/6/2002))
	FZ.	Higgins <i>et al.</i> , "Competitive oligonucleotide single-base extension combined with mass spectrometric detection for mutation screening", <i>Biotechniques</i> , 23(4): 710-714 (1997)
	GA.	Juhasz <i>et al.</i> , "Applications of Delayed Extraction Matrix-Assisted Laser Desorption Ionization Time-of-Flight Mass Spectrometry to Oligonucleotide Analysis", <i>Anal. Chem.</i> , 68:941-946 (1996)
	GB.	Jurinke <i>et al.</i> , "Analysis of ligase chain reaction products via matrix-assisted laser desorption/ionization time-of-flight-mass spectrometry", <i>Anal. Biochemistry</i> , 237(2):174-181 (1996)
	GC.	Jurinke <i>et al.</i> , "Application of nested PCR and mass spectrometry for DNA-based virus detection: HBV-DNA detected in the majority of isolated anti-HBc positive sera", <i>Genetic Analysis</i> , 14(3): 97-102 (1998)
	GD.	Jurinke <i>et al.</i> , "Automated Genotyping Using the DNA MassArray™ Technology", <i>Methods in Molecular Biology</i> , 187:179-192 (2002)
	GE.	Jurinke <i>et al.</i> , "Detection of hepatitis B virus DNA in serum samples via nested PCR and MALDI-TOF mass spectrometry", <i>Genetic Analysis</i> , 13(3):67-71 (1996)
	GF.	Jurinke <i>et al.</i> , "Recovery of nucleic acids from immobilized biotin-streptavidin complexes using ammonium hydroxide and applications in MALDI-TOF mass spectrometry", <i>Anal. Chem.</i> , 69(5): 904-910 (1997)
↓	GG.	Jurinke <i>et al.</i> , "The Use of MassARRAY Technology for High Throughput Genotyping", <i>Advances in Biochemical Engineering/Biotechnology</i> , 77:57-74 (2002)

Examiner Signature  /Jon Epperson/	Date Considered 11/11/2007
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)  <b>List of Patents and Publications for Applicant's Information Disclosure Statement</b> (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17111-009001/2309	Application No. 10/760,085
		Applicant Hubert Köster, Ph.D. et al.	
		Filing Date January 16, 2004	Group Art Unit 1639

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
/J.E./	GH.	Köster <i>et al.</i> , "A strategy for rapid and efficient DNA sequencing by mass spectrometry", <i>Nature Biotechnology</i> , 14(9): 1123-1128 (1996)
	GI.	Köster <i>et al.</i> , "Oligonucleotide synthesis and multiplex DNA sequencing using chemiluminescent detection", <i>Nucleic Acids Res.</i> , Symposium Series 24:318-321 (1991)
	GJ.	Kwon <i>et al.</i> , "DNA sequencing and genotyping by transcriptional synthesis of chain-terminated RNA ladders and MALDI-TOF mass spectrometry", <i>Nucleic Acids Res.</i> , 29(3): e11 (2001)
	GK.	Leanna, C. and M. Hannink, "The reverse two-hybrid system: a genetic scheme for selection against specific protein/protein interactions", <i>Nuc. Acids Res.</i> , 24(17):3341-3347 (1996)
	GL.	Li <i>et al.</i> , "High resolution MALDI fourier transform mass spectrometry of oligonucleotides", <i>Analytical Chemistry</i> , 68(13): 2090-2096 (1996)
	GM.	Little <i>et al.</i> , "Detection of RET proto-oncogene codon 634 mutations using mass spectrometry", <i>J Mol Med.</i> , 75(10): 745-750 (1997)
	GN.	Little <i>et al.</i> , "Identification of apolipoprotein E polymorphisms using temperature cycled primer oligo base extension and mass spectrometry", <i>Eur J Clin Chem Clin Biochem</i> , 35(7): 545-548 (1997)
	GO.	Little <i>et al.</i> , "Infrared multiphoton dissociation of large multiply charged ions for biomolecule sequencing", <i>Analytical Chemistry</i> , 66(18):2809-2815 (1994)
	GP.	Little <i>et al.</i> , "Mass spectrometry from miniaturized arrays for full comparative DNA analysis" <i>Nature Medicine</i> , 3(12): 1413-1416 (1997)
	GQ.	Little <i>et al.</i> , "Verification of 50- to 100-mer DNA and RNA sequences with high-resolution mass spectrometry", <i>Proc.Natl.Acad.Sci.USA</i> , 92(6):2318-2322 (1995)
	GR.	Manning <i>et al.</i> , "Facile, efficient conjugation of a trifunctional lanthanide chelate to a peripheral benzodiazepine receptor ligand", <i>Org Lett</i> , 4(7):1075-1078 (2002)
	GS.	Müller <i>et al.</i> , "Retention of imprinting of the human apoptosis-related gene TSSC3 in human brain tumors", <i>Human Molecular Genetics</i> , 9(5): 757-763 (2000)
	GT.	Musiani <i>et al.</i> , "Chemiluminescence: a sensitive detection system in in situ hybridization", <i>Histol. Histopathol.</i> , 13:243-248 (1998)
	GU.	Needleman <i>et al.</i> , "A General Method Applicable to the Search for Similarities in the Amino Acid Sequence of Two Proteins", <i>J. Mol. Biol.</i> , 48:443-453 (1970)
↓	GV.	O'Connor <i>et al.</i> , "Isotopic assignment in large-molecule mass spectra by fragmentation of a selected isotopic peak", <i>Analytical Chemistry</i> , 68(3): 542-545 (1996)

Examiner Signature  /Jon Epperson/	Date Considered 11/11/2007
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)  <b>List of Patents and Publications for Applicant's Information Disclosure Statement</b> (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17111-009001/2309	Application No. 10/760,085
		Applicant Hubert Köster, Ph.D. et al.	
		Filing Date January 16, 2004	Group Art Unit 1639

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
/J.E./	GW.	O'Day <i>et al.</i> , " <i>Aristostomias Scintillans</i> (Malacosteidae): A deep-sea fish with visual pigments apparently adapted to its own bioluminescence", <i>Vision Res.</i> , 14:545-550 (1974)
	GX.	O'Donnell-Maloney <i>et al.</i> , "Microfabrication and array technologies for DNA sequencing and diagnostics", <i>Gen. Anal. Biomol. Engin.</i> , 13:151-157 (1996)
	GY.	Pappin <i>et al.</i> , "Solid-phase sequence analysis of proteins electroblotted or spotted onto polyvinylidene difluoride membranes", <i>Analytical Biochemistry</i> , 187(1):10-19 (1990)
	GZ.	Pearson <i>et al.</i> , "Improved tools for biological sequence comparison", <i>Proc. Natl. Acad. Sci. USA</i> , 85:2444-2448 (1988)
	HA.	Qu <i>et al.</i> , "Synthesis, characterization, and cytotoxicity of trifunctional dinuclear platinum complexes: comparison of effects of geometry and polyfunctionality on biological activity", <i>J Med Chem</i> , 43(16):3189-3192 (2000)
	HB.	Robbins <i>et al.</i> , "Forskolin Carbamates: Binding and Activation Studies with Type I Adenylyl Cyclase", <i>J Med Chem</i> , 39(14):2745-2752 (1996)
	HC.	Sapan <i>et al.</i> , "Colorimetric protein assay techniques", <i>Biotechnol. Appl. Biochem.</i> , 29:99-108 (1999)
	HD.	Schwartz <i>et al.</i> , "Matrices for Detecting Distant Relationships", Chapter 23 of: <i>Atlas of Protein Sequence and Structure</i> , Dayhoff, M.O., Ed., National Biomedical Research Foundation, pp. 353-358 (1978)
	HE.	Shchepinov <i>et al.</i> , "Matrix-induced fragmentation of P3'- N5' phosphoramidate-containing DNA: high-throughput MALDI-TOF analysis of genomic sequence polymorphisms", <i>Nucleic Acids Research</i> , 29(18):3864-3872 (2001)
	HF.	Shchepinov <i>et al.</i> , "Oligonucleotide dendrimers: stable nano-structures", <i>Nucleic Acids Res.</i> , 27(15):3035-3041 (1999)
	HG.	Shchepinov <i>et al.</i> , "Oligonucleotide dendrimers: synthesis and use as polylabelled DNA probes", <i>Nucleic Acids Res.</i> , 25(22):4447-4454 (1997)
	HH.	Shchepinov <i>et al.</i> , "Rapid Detection of Point Mutations with Biotinylated Selectively Cleavable Synthetic Oligonucleotides", <i>Russian Journal of Bioorganic Chemistry</i> , 21(1):68-69 (1995) Translated from <i>Bioorganicheskaya Khimiya</i> , 21(1):77-79 (1995)
	HI.	Shchepinov <i>et al.</i> , "Specifically Cleavable Oligodeoxyribonucleotides for Reversible Immobilization of DNA", <i>Russian Journal of Bioorganic Chemistry</i> , 20(8-9):520-528 (1994) Translated from <i>Bioorganicheskaya Khimiya</i> , 20(8-9):955-966 (1994)
↓	HJ.	Shchepinov <i>et al.</i> , "Steric factors influencing hybridisation of nucleic acids to oligonucleotide arrays", <i>Nucleic Acids Res.</i> , 25(6):1155-1161 (1997)

Examiner Signature <div style="text-align: center;">/Jon Epperson/</div>	Date Considered <div style="text-align: center;">11/11/2007</div>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



Substitute Form PTO-1449 (Modified)  <b>List of Patents and Publications for Applicant's Information Disclosure Statement</b> (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 17111-009001/2309	Application No. 10/760,085
	Applicant Hubert Köster, Ph.D. et al.			
	Filing Date January 16, 2004		Group Art Unit 1639	

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
/J.E./	HK.	Shchepinov <i>et al.</i> , "Trityl mass-tags for encoding in combinatorial oligonucleotide synthesis", <i>Nucleic Acids Symp Ser.</i> , 42:107-108 (1999)
	HL.	Shchepinov, M.S. and V.A. Korshun, "Design of multidye systems for FRET-based applications", <i>Nucleosides Nucleotides Nucleic Acids</i> , 20(4-7):369-374 (2001)
	HM.	Shilo <i>et al.</i> , "DNA sequences homologous to vertebrate oncogenes are conserved in <i>Drosophila melanogaster</i> ," <i>Proc. Natl. Acad. Sci. USA</i> , 78(11):6789-6792 (1981)
	HN.	Siebert <i>et al.</i> , "Matrix-assisted laser desorption/ionization time-of-flight mass spectrometry for the detection of polymerase chain reaction products containing 7-deazapurine moieties", <i>Anal Biochem.</i> , 243(1):55-65 (1996)
	HO.	Sinha <i>et al.</i> , "Polymer support oligonucleotide synthesis XVIII: use of beta-cyanoethyl-N, N-dialkylamino-/N-morpholino phosphoramidite of deoxynucleosides for the synthesis of DNA fragments simplifying deprotection and isolation of the final product", <i>Nucleic Acids Res.</i> , 12(11):4539-4557 (1984)
	HP.	Sittampalam <i>et al.</i> , "High-Throughput Screening: Advances in Assay Technologies", <i>Curr. Opin. Chem. Biol.</i> , 1(3):384-391 (1997)
	HQ.	Smith <i>et al.</i> , "Comparison of Biosequences", <i>Adv. Applied Mathem.</i> , 2:482-489 (1981)
	HR.	Southern <i>et al.</i> , "Molecular interactions on microarrays", <i>Nat Genet.</i> , 21(1 Suppl):5-9 (1999)
	HS.	Stahl <i>et al.</i> , "Solid Phase DNA Sequencing Using the Biotin-Avidin System", <i>Nucleic Acids Res.</i> , 16(7):3025-3038 (1988)
	HT.	Tang <i>et al.</i> , "Chip-based genotyping by mass spectrometry", <i>Proc. Natl. Acad. Sci. USA</i> , 96(18):10016-10020 (1999)
	HU.	Tang <i>et al.</i> , "Matrix-assisted laser desorption/ionization mass spectrometry of immobilized duplex DNA probes", <i>Nucleic Acids Res.</i> , 23(16): 3126-3131 (1995)
	HV.	Turro, N.J., (Ed.), <i>Modern Molecular Photochemistry</i> , Menlo Park, California: The Benjamin/Cummings Publishing Co., Inc., pp. 297-361 (1978)
	HW.	Valaskovic <i>et al.</i> , "Attomole-sensitivity electrospray source for large-molecule mass spectrometry", <i>Analytical Chemistry</i> , 67(20): 3802-3805 (1995)
	HX.	van den Boom <i>et al.</i> , "Combined amplification and sequencing in a single reaction using two DNA polymerases with differential incorporation rates for dideoxynucleotides", <i>Journal of Biochemical and Biophysical Methods</i> , 35(2): 69-79 (1997)
↓	HY.	van den Boom <i>et al.</i> , "Forward and Reverse DNA Sequencing in a Single Reaction", <i>Analytical Biochemistry</i> , 256(1): 127-129 (1998)

Examiner Signature	/Jon Epperson/	Date Considered	11/11/2007
--------------------	----------------	-----------------	------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17111-009001/2309	Application No. 10/760,085
<b>List of Patents and Publications for Applicant's Information Disclosure Statement</b> (37 CFR §1.98(b))		Applicant Hubert Köster, Ph.D. et al.	
		Filing Date January 16, 2004	Group Art Unit 1639

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
/J.E./	HZ.	Watson <i>et al.</i> , Eds., <u>Molecular Biology of the Gene</u> , Volume I, 4th ed., Menlo Park, California: The Benjamin /Cummings Publishing Company, Inc., p.224 (1987)
/J.E./	IA.	Weiler <i>et al.</i> , "Hybridisation based DNA screening on peptide nucleic acid (PNA) oligomer arrays", <i>Nucliec Acids Res.</i> , 25(14):2792-2799 (1997)
/J.E./	IB.	Wood <i>et al.</i> , "Direct sequence data from heterogeneous creatine kinase (43 kDa) by high-resolution tandem mass spectrometry", <i>Biochemistry</i> 34(50):16251-16254 (1995)

Examiner Signature	/Jon Epperson/	Date Considered	11/11/2007
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

Sheet 1 of 2

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17111-009001/2309	Application No. 10/760,085
		Applicant Hubert Köster, Ph.D. et al.	
		Filing Date January 16, 2004	Group Art Unit 1639

Information Disclosure Statement  
by Applicant  
(Use several sheets if necessary)

(37 CFR §1.98(b))

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
/J.E./	AA	6,110,687	08/29/00	Nilsen et al.	435	5	06/18/99
/J.E./	AB	6,117,631	09/12/00	Nilsen et al.	435	6	10/29/96

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
/J.E./	AC	0 424 819	05/02/91	EP				
/J.E./	AD	0 698 792	02/28/96	EP				
	AE	00/11208	03/02/00	PCT				
	AF	02/063301	08/15/02	PCT				
	AG	02/081752	10/17/02	PCT				
	AH	03/005026	01/16/03	PCT				
	AI	03/050544	06/19/03	PCT				
	AJ	97/33169	09/12/97	PCT				
	AK	97/42507	11/13/97	PCT				
	AL	98/59360	12/30/98	PCT				
	AM	99/05320	02/04/99	PCT				
	AN	99/60007	11/25/99	PCT				

No Country or Patent Office

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
/J.E./	AO	Bogyo et al., "Substrate binding and sequence preference of the proteasome revealed by active-site-directed affinity probes," Chemistry & Biology 5: 307-320 (1998)
/J.E./	AP	Bogyo et al., "Covalent modification of the active site threonine of proteasomal $\beta$ subunits and the <i>Escherichia coli</i> homolog HslV by a new class of inhibitors," Proc. Natl. Acad. Sci. USA 94: 6629-6634 (1997)
/J.E./	AQ	Damoiseaux et al., "Synthesis and applications of chemical probes for human O <sup>6</sup> -alkylguanine-DNA alkyltransferase," Chembiochem 2(4): 285-287 (2001)
/J.E./	AR	Kam et al., "Biotinylated Isocoumarins, New Inhibitors and Reagents for Detection, Localization, and Isolation of Serine Proteases," Bioconjugate Chemistry 4: 560-567 (1993)
/J.E./	AS	Laktionov et al., "Characterization of membrane oligonucleotide-binding proteins and oligonucleotide uptake in keratinocytes," Nucleic Acids Research 27(11): 2315-2324 (1999)

Examiner Signature /Jon Epperson/	Date Considered 11/11/2007
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Disclosure Form (PTO-1449)

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17111-009001/2309	Application No. 10/760,085
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)		Applicant Hubert Köster, Ph.D. et al.	
		Filing Date January 16, 2004	Group Art Unit 1639
(37 CFR §1.98(b))			

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
/J.E./	AT	Laktionov et al., "Interactions of oligonucleotides with cellular proteins," Nucleosides, Nucleotides & Nucleic Acids 20(4-7): 859-862 (2001)
/J.E./	AU	Liu et al., "Activity-based protein profiling: The serine hydrolases," Proc. Natl. Acad. Sci. USA 96(26): 14694-14699 (1999)
/J.E./	AV	Nazif, T. and M. Bogyo, "Global analysis of proteasomal substrate specificity using positional-scanning libraries of covalent inhibitors," Proc. Natl. Acad. Sci. USA 98(6): 2967-2972 (2001)
/J.E./	AW	Shchepinov et al., "Trityl tags for encoding in combinatorial synthesis," Tetrahedron 56: 2713-2724 (2000)

Examiner Signature /Jon Epperson/	Date Considered 11/11/2007
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	





03-01-01

JFW

Attorney's Docket No.: 21121-009001/ 2309

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Hubert Köster, Ph.D. et al.      Art Unit : 1639  
Serial No. : 10/760,085      Examiner : Jon D. Epperson  
Filed : January 16, 2004      Cust. No. : 20985  
Conf. No. : 8019  
Title : CAPTURE COMPOUNDS, COLLECTIONS THEREOF AND METHODS  
FOR ANALYZING THE PROTEOME AND COMPLEX COMPOSITIONS

**Mail Stop Amendment**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL LETTER**

Dear Sir:

Transmitted herewith are a Supplemental Information Disclosure Statement, Form PTO-1449 (1 page), copy of claims of Australian Patent Application, copy of claims of European Patent Application, copy of Australian Notice of Acceptance, copy of European Office Action, cited non U.S. patent documents listed on the form PTO-1449, and a return postcard for filing in connection with the above-captioned application. Because this Supplemental Information Disclosure Statement is filed prior to receipt of a first Office Action on the merits for the above-captioned application, a fee for filing this statement should not be due. However, should it be determined that a fee for filing these papers is required, the Commissioner is authorized to charge Deposit Account No, 06-1050, as stated below:



The Commissioner is hereby authorized to charge any fees that may be due in connection with this paper or with this application during its entire pendency to Deposit Account No. 06-1050. A duplicate of this sheet is enclosed.

Respectfully submitted,

Stephanie Seidman  
Reg. No. 33,779

Attorney Docket No. 21121-009001/ 2309  
Address all correspondence to:  
Stephanie Seidman  
Fish & Richardson P.C.  
12390 El Camino Real  
San Diego, California 92130  
Telephone: (858) 678-4777  
Facsimile: (202) 626-7796  
email: seidman@fr.com

CERTIFICATE OF MAILING BY "EXPRESS MAIL"  
"Express Mail" Mailing Label Number EV 965983515 US  
Date of Deposit February 27, 2007  
I hereby certify that this paper is being deposited with the United States Postal "Express Mail" Post Office to Addressee" Service under 37 CFR §1.10 on the date indicated above and is addressed to: Commissioner for Patents, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA, 22313-1450.

Stephanie Seidman



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Hubert Köster, Ph.D. et al.      Art Unit : 1639  
Serial No. : 10/760,085      Examiner : Jon D. Epperson  
Filed : January 16, 2004      Cust. No. : 20985  
Conf. No. : 8019  
Title : CAPTURE COMPOUNDS, COLLECTIONS THEREOF AND METHODS  
FOR ANALYZING THE PROTEOME AND COMPLEX COMPOSITIONS

**Mail Stop Amendment**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT IN  
ACCORDANCE WITH 37 C.F.R. §§ 1.97-1.98**

Because this Supplemental Information Disclosure Statement is filed before the receipt of a First Office Action on the Merits for the above-captioned application, a fee for filing this statement should not be due. If, however, it is determined that a fee is due, any fees that may be due in connection with filing this paper may be charged to Deposit Account No. 06-1050.

In accordance with the duty of disclosure imposed by 37 C.F.R. §1.56 to inform the Patent Office of all information known by Applicant or Applicant's representative that may be material to the examination of the subject application, Applicant's representative hereby provides this Supplemental Information Disclosure Statement that is prepared in accordance with 37 C.F.R. §§1.97-1.98. Forms PTO-1449 (1 page) and copies of the cited non U.S. Patent documents are provided herewith.

The documents cited on the Forms PTO-1449 are in the English language. Hence, in accordance with the requirements of 37 C.F.R. §1.98, as amended effective March 16, 1992, no further explanation of the listed items is necessary.

In accordance with the requirements of 37 C.F.R. §1.98, a copy of an Australian Notice of Acceptance (Document I), issued August 28, 2006, in connection with Australian Patent Application No. 2004206856 (Attorney Docket No. 21121-009AU1/ 2309AU), is provided. Australian Patent Application No. 2004206856 is a national stage filing of

CERTIFICATE OF MAILING BY "EXPRESS MAIL"  
"Express Mail" Mailing Label Number EV 965983515 US  
Date of Deposit February 27, 2007  
I hereby certify that this paper is being deposited with the United States Postal "Express Mail Post Office to Addressee" Service under 37 CFR §1.10 on the date indicated above and is addressed to: Commissioner for Patents, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA, 22313-1450.

Stephanie Seidman

International Patent Application No. PCT/US2004/001037, which corresponds to the instant application filed in the United States on the same date. Also provided is a copy of the claims as accepted on August 28, 2006 (Document II), in connection with Australian Patent Application No. 2004206856.

In accordance with the requirements of 37 C.F.R. §1.98, a copy of a European Office Action (Document III), issued October 18, 2006, in connection with European Patent Application No. 04702919.4 (Attorney Docket No. 21121-009EP1/ 2309EP), is provided. European Patent Application No. 04702919.4 is a national stage filing of International Patent Application No. PCT/US2004/001037, which corresponds to the instant application filed in the United States on the same date. Also provided is a copy of the claims as amended on August 11, 2006 (Document IV), in connection with European Patent Application No. 04702919.4. The Office Action issued October 18, 2006, is responsive to the claims as amended on August 11, 2006.

The table below lists Documents I-IV and includes a column that provides a space next to the document to be considered, for the Examiner's initials.

Examiner Initial	Document No.	Document
	I	Copy of Australian Notice of Acceptance, issued August 28, 2006, in connection with corresponding Australian Patent Application No. 2004206856
	II	Copy of claims as accepted on August 28, 2006, in connection with corresponding Australian Patent Application No. 2004206856.
	III	Copy of European Office Action, issued October 18, 2006, in connection with European Patent Application No. 04702919.4
	IV	Copy of claims as amended on August 11, 2006, in connection with European Patent Application No. 04702919.4

Not submitted on 1449 form

Although these documents are made known to the Patent and Trademark Office in compliance with Applicant's duty of disclosure, such disclosure is not to be construed as an admission by Applicant or Applicant's representative that any of the documents or information, singly or in any combination thereof, is effective as prior art against the subject application. In accordance with 37 C.F.R. §1.97(g) and (h), the filing of this Supplemental

/Jon Epperson/

11/11/2007

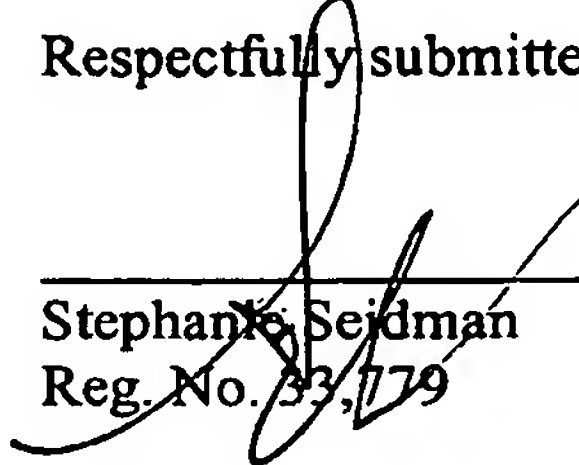
Applicant : Hubert Köster, Ph.D.  
Serial No. : 10/760,085  
Filed : January 16, 2004

Attorney's Docket No.: 21121-009001/ 2309  
Supplemental Information Disclosure Statement

Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. §1.56(b) exists.

Applicant respectfully requests that the Examiner review the foregoing documents and they be made of record in the file history of the above-captioned application.

Respectfully submitted,



---

Stephanie Seidman  
Reg. No. 33,779

Attorney Docket No. 21121-009001/ 2309  
**Address all correspondence to:**  
Stephanie Seidman  
Fish & Richardson P.C.  
12390 El Camino Real  
San Diego, California 92130  
Telephone: (858) 678-4777  
Facsimile: (202) 626-7796  
email: seidman@fr.com